

Product Datasheet

STAT5A [p Tyr694] Antibody - BSA Free NBP1-77851

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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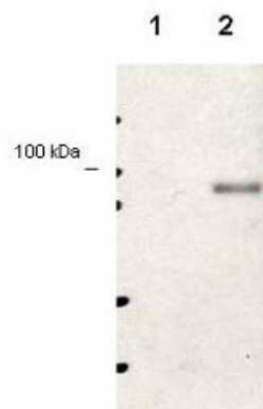
NBP1-77851

STAT5A [p Tyr694] Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This product was affinity purified from monospecific antiserum by immunoaffinity chromatography using phospho-peptide coupled to agarose beads followed by solid phase adsorption against nonphospho-peptide</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	6776
Gene Symbol	STAT5A
Species	Human, Mouse
Reactivity Notes	A BLAST analysis was used to suggest cross-reactivity with STAT5A from human, mouse and rat based on 100% homology with the immunizing sequence. Cross-reactivity with STAT5A from other sources has not been determined.
Specificity/Sensitivity	This antibody is specific for mouse STAT5A protein phosphorylated at Y694. A BLAST analysis was used to suggest cross-reactivity with STAT5A from human, mouse and rat based on 100% homology with the immunizing sequence. Cross-reactivity with STAT5A from other sources has not been determined.
Immunogen	This affinity purified STAT5A [p Tyr694] Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to residues surrounding Y694 of mouse STAT5A protein. (Uniprot: P42230)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:25000, Immunohistochemistry 20-40 ug/ml, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	This affinity purified antibody has been tested for use in ELISA, immunohistochemistry and western blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 91 kDa in size corresponding to phosphorylated Stat5a protein by western blotting in the appropriate cell lysate or extract. This phospho-specific polyclonal antibody reacts with mouse Stat5a pY694 and shows minimal reactivity by ELISA against the non-phosphorylated form of the immunizing peptide.

Images

Western Blot: STAT5a [p Tyr694] Antibody [NBP1-77851] - shows detection of phosphorylated Stat5 (indicated by arrowhead at ~91 kDa) in NK92 cells after 30 min treatment with 1Ku of IL-2 (lane 2). No reactivity is seen for non-phosphorylated Stat5 in untreated cells (lane 1). The membrane was probed with the primary antibody at a 1:1,000 dilution, overnight at 4C.



Immunohistochemistry: STAT5a [p Tyr694] Antibody [NBP1-77851] - Used at 20g/ml to detect signal in a variety of tissues including multi-human, multi-brain and multi-cancer slides. This image shows moderate positive staining of distal convoluted tubules and collecting ducts of human kidney at 40X. Tissue was formalin-fixed and paraffin embedded. The image shows localization of the antibody as the precipitated red signal, with a hematoxylin purple nuclear counterstain.





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Products Related to NBP1-77851

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00006776-P01-10ug	Recombinant Human STAT5A GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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